

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Modified) PATENT AND TRADEMARK OFFICE

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)  
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ATTY. DOCKET NO.  
P00594

SERIAL NO.  
09/973,335

APPLICANT: Soltz et al.

FILING DATE 10/09/01

GROUP 3731

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PA	6	1	8	3	4	9	8		Devore et al.			
	5	8	7	4	5	3	7		Kelman et al.			
	5	3	5	4	3	3	6		Kelman et al.			
	5	2	9	0	5	5	2		Sierra et al.			
	6	1	3	6	3	4	1		Petito			
	5	8	2	4	0	1	5		Sawyer			
	5	6	1	8	5	5	1		Tardy et al.			
	5	5	5	2	4	5	2		Khadem et al.			
	5	1	5	6	6	1	3		Sawyer			
	6	3	3	5	0	0	7		Shimizu et al.			

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### FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

DOCUMENT NUMBER								PUBL. DATE	COUNTRY OR PATENT OFFICE	CLAS S	SUBCLASS	TRANSLATION	
												YES	NO

### OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)

PA		Guidoin, R, Marceau, D, Coutre, J, Rao, TJ, Merhi, Y, Roy, PE, and De la Fay, D, Collagen coatings as biological sealants for textile arterial prostheses, Biomaterials, 10:642, 1989
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✓	Feito, BA, Rath, AM; Longchamp, E, Azorin, J, Experimental study on the in vivo behavior of a new collagen glue in lung surgery, Eur. J. Cardiothorac. Surg., 17:8-13, 2000
✓	Czerny, M, Verrel, F, Weber, H, Muller, N, Kircheis, L, Lang, W, Steckmeier, B, and Trubel, W, Collagen patch coated with fibrin glue components. Treatment of suture hole bleedings in vascular reconstruction, J. Cardiovasc. Surg., 41:553-557, 2000
✓	Sekine, T, Nkamura, T, Shimizu, Y, Ueda, H, Matsumoto, Y, Takimoto, Y, and Kiyotani, T, A new type of surgical adhesive made from porcine collagen and polyglutamic acid, J. Biomed. Mater. Res., 54:305-310, 2001
✓	Baar, S, Schorner, C, Rollinghoff, M, Radespiel-Troger, M, Hummer, HP and Carbon, RT, Collagen patches impregnated with antimicrobial agents have a high local antimicrobial efficacy and achieve tissue gluing, Infection, 29:27-31, 2001
✓	Oiwa, H, Takamoto, S, Murakami, A, Tanaka, O, and Furuse, A, Experimental study of small arterial anastomosis with gelatin-recorcinol-formaldehyde glue and collagen sheet, Artif. Organs 25:281-291, 2001
✓	Okino, H, Nakayama, Y, Tanaka, M, and Matsuda, T, In situ hydrogelation of photocurable gelatin and drug release, J. Biomed. Mater. Res., 59:233-245, 2002
✓	Wise, PE, Wudel, LJ, Jr, Belous, AE, Allos, TM, Kuhn, SJ, Fuerer, ID, Washington, MK, Pinson, CW, and Chapman, WC, Biliary reconstruction is enhanced with a collagen-polyethylene glycol sealant, Am. Surg., 68:561-562, 2002
✓	Martis, G, Miko, I, Szendroi, T, Kathy, S, Kovacs, J, Hajdu, Z, Results with collagen fleece coated with fibrin glue (TachoComb). A macroscopical and histological experimental study, Acta Chir. Hung., 36:221-222, 1997

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	6	4	7	1	9	9	3		Shastri et al.			
	5	4	1	2	0	7	6		Gagnieu			
	5	6	9	0	6	7	5		Sawyer et al.			
	0	0	2	2	5	8	8A		Wilkie et al.			
	6	1	9	7	9	3	4		DeVore et al.			
	5	2	1	9	8	9	5		Kelman et al.			
	6	4	9	5	1	2	7		Wallace et al.			
	5	7	6	7	1	5	2		Nielsen et al.			
	6	1	6	1	5	4	4		DeVore et al.			

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PR		Conroy, "Aqueous-based lubricious coating technology: another option for manufacturers," Medical Device Technology, October 1998.
		ASI. "U.S. adhesives and sealants market to reach \$13.5 billion in 2003," Business New Publishing, September 27, 2000, <a href="http://www.adheisivemag.com/CDA/ArticleInformation/features/BNP_Features?Item/02,101,11471,00.html">www.adheisivemag.com/CDA/ArticleInformation/features/BNP_Features?Item/02,101,11471,00.html</a> .
		Ellis et al., The university of minnesota biocatalysis/biodegradation database: microorganism, genomics and prediction, Nucleic Acids Research, 2000, vol. 28, no. 1, pp. 377-379.
		Alberts et al. Molecular biology of the cell. Garland Publishing, Inc. 1994. pp. 979, Fig. 19-40.
		Caroli et al., "An experimental study of a cyanoacrylate biological adhesive in view of its use in the fixation of various fractures of the fingers," Ann. Chir. Main Memb. Super. 1997, 16(2) pp. 138-45 (Abstract)
		Reece et al., "A propsectus on tissue adhesives," The American Journal of Surgery, 182 (2001) 40S-44S.

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